



**Intercontinental Terminals Company (ITC) Fire Update
Deer Park, Texas
April 12, 2019 0000 – April 12, 2019 1159**

Land Operations:

- On April 12, 2019, ITC safety personnel conducted a controlled entry in the tank farm and tanks (confined space) to evaluate personal protective equipment needs during future tank farm operations.
- On April 12, 2019, ITC conducted operations at the tank farm:
 - Continued degassing process for tanks 80-4, 80-7, 80-13, 80-14, and 80-15 using an Internal Combustion Engine (incorrectly reported as Thermal Oxidizer by ITC last week). Started degassing tank 80-10. Sludge removal continues in Tank 80-15.
 - Completed the cleaning of tank 80-3
 - Continued to remove heels from Tank 80-13
 - Due to the ongoing Fire Marshal Investigation, operations associated with Tank 80-8 remain on hold.
- As reported on April 12, 2019, at approximately 2:00 am, on April 12, 2019, ITC reported a benzene concentration of 2.3 ppm at the Clean Harbors facility. Further air monitoring at Clean Harbors detected benzene at 2.3 ppm at 3:04 am and 0.75 ppm at 3:30 am. At approximately 6:30 am, on April 12, 2019, air monitoring at Clean Harbors detected benzene concentrations above 2.5 ppm, and a Shelter in Place was implemented for the Clean Harbors facility.

Water Operations:

- On April 12, 2019, ITC continued flushing and skimming operations in Tucker Bayou.
- On April 12, 2019, ITC continued remediation activities in the drainage ditch adjacent to Tidal Road.
- A Shoreline Cleanup Assessment Technique (SCAT) team returned to Santa Anna Bayou on April 12, 2019, with air boat(s) to perform an assessment of reports of contamination in the marshy areas. The SCAT team reported that the material in Santa Anna Bayou appears to behave differently than the material found on the shorelines of the ship channel. The material has been boomed off and ITC and TCEQ will collect a sample for fingerprinting.
- EPA conducted surface water sampling on April 12, 2019 at 10 sample locations. The surface water samples were collected along Buffalo Bayou and the San Jacinto River and will be analyzed for per- and polyfluoroalkyl substances (PFAS), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), chemical oxygen demand (COD), and oil & grease. The results from the sampling event were compared to the TCEQ Surface Water Quality Standards (WQS), or to TCEQ Texas Risk Reduction Program surface water protective concentration levels (PCLs), if a WQS was not available for a chemical.

- The USCG Captain of the Port continues the controlled open for the Ship Channel, with traffic during the daytime only. Decontamination vessels are being positioned to help ships that may have residue on the hulls.
- As of Friday, April 12, 2019:
 - 213,900 feet of boom deployed
 - 141,026 bbl of product/water recovered from water operations
 - 192,521 bbl of product/water recovered from tank farm
 - Approximately 465,000 gallons of foam concentrate have been used for fire-fighting/suppression and emission suppression.

Total Vessels as of April 12, 2019				
Work Boats	Barges	Small Capacity Skimming Vessels	Skimmers	Total Vessels
100	106	25	73	304

Community Air Monitoring:

- Several entities including TCEQ, EPA, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- EPA conducted handheld air monitoring on April 12, 2019, from 00:00 to 23:59 at 72 locations in the surrounding communities. Results were reported below the detection limit at all locations for total VOCs and other chemicals of concern. EPA will continue to conduct additional air monitoring and deploy the Trace Atmospheric Gas Analyzer (TAGA) if VOCs are detected.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft found no exceedances of the Texas comparison values on April 12, 2019 during flight 25. ASPECT has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the ITC in Deer Park, Texas. The screening level results from ASPECT were compared to the ASPECT list of TCEQ short-term Air Monitoring Comparison Values (AMCVs). No chemicals were detected by the ASPECT.
- EPA conducted air sampling using the TAGA on April 12, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the TCEQ short-term AMCVs and found no exceedances of the short-term AMCVs for benzene, toluene and xylene. These results have been shared with unified command and local officials.

Additional Information: Air Monitoring and Water Sampling locations.

